

LISTING OF CLAIMS:

This listing of claims, including newly added claims 4-16, will replace all prior versions, and listings, of claims in the application:

Claim 1 (Original): A computer system comprising:

a first storage system comprising a first disk controller, and one or more first disks coupled to said first disk controller;

a second storage system comprising a second disk controller, and one or more second disks coupled to said second disk controller; and

a controller coupled to said first storage system, said second storage system, and a host computer,

wherein said controller receives an I/O request issued from said host computer, and sends an I/O request to one of said first storage system and said second storage system based on a disk identification (ID) included in said I/O request issued from said host computer.

Claim 2 (Original): A computer system as claimed in claim 1,

wherein said I/O request issued from said host computer further includes a first address designates a storage area accessed by said host computer, and

wherein said controller converts said first address to a second address designating a storage area in one of said first storage system and said second storage system, and sends an I/O request including said second address to said one of said first storage system and said second storage system.

Claim 3 (Original): A computer system as claimed in claim 1, wherein said disk ID designates a disk recognized by said host computer.

Claim 4 (New): A system for storing data comprising:
a first storage system comprising a first disk controller and at least one first disk coupled to said first disk controller;
a second storage system comprising a second disk controller and at least one second disk coupled to said second disk controller; and
a controller coupled to said first storage system, said second storage system, and a host computer,
wherein said controller receives a write request from said host computer, selects a storage system including a target disk designated by first disk identification information included in the write request, obtains identification information designating a selected storage system and second disk identification information designating the target disk based on said first disk identification information, and sends the write request to the selected storage system and said second disk identification information.

Claim 5 (New): A system as claimed in claim 4, wherein said controller stores correlation information among first disk identification information, identification information designating a storage system, and second disk identification information, and obtains said identification information designating the

selected storage system and said second disk identification information based on said correlation information.

Claim 6 (New): A system as claimed in claim 5, wherein said correlation information is set in said controller by a service processor coupled to said controller.

Claim 7 (New): A system as claimed in claim 4, wherein said second disk identification information is disk identification information assigned to a storage system including the target disk.

Claim 8 (New): A system as claimed in claim 4, wherein said first disk controller and said second disk controller both have an interface for coupling to said host computer.

Claim 9 (New): A system as claimed in claim 8, wherein said second disk controller is coupled to said host computer, via the same type of interface as the interface for coupling to said host computer.

Claim 10 (New): A system as claimed in claim 9, wherein said interface for coupling to said host computer is in accordance with SCSI.

Claim 11 (New): A controller coupled to a first storage system and a second storage system,

wherein said first storage system comprises a first disk controller and at least one first disk, and said second storage system comprises a second disk controller and at least one second disk,

wherein said controller receives a write request issued from a host computer, selects a storage system including a target disk designated by first disk identification information included in the write request, obtains identification information designating a selected storage system and second disk identification information designating the target disk, and sends the write request to the selected storage system according to said identification information designating the selected storage system and said second disk identification information.

Claim 12 (New): A controller as claimed in claim 11, wherein said controller includes correlation information among first disk identification information, identification information designating a storage system, and second disk identification information, and obtains said identification information designating the selected storage system and said second disk identification information based on said correlation information.

Claim 13 (New): A controller as claimed in claim 12, wherein said correlation information is set in said controller from a service processor coupled to said controller.

Claim 14 (New): A controller as claimed in claim 11, wherein said second disk identification information is identification information assigned to the selected storage system.

Claim 15 (New): A controller as claimed in claim 11, wherein said controller is coupled to said second disk controller via an interface, which is the same type of interface as an interface via which said second disk controller coupled to said host computer.

Claim 16 (New): A controller as claimed in claim 15, wherein said interface coupling said controller and said second disk controller is in accordance with SCSI.